

Mineral Industry Surveys

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GYPSUM IN JANUARY 2003

Producers mined 1.55 million metric tons (Mt) of gypsum in January 2003 (table 1). Output was 28% more than that of December 2002 and 19% more than that of January 2002. Synthetic gypsum production was 678,000 metric tons (t) in January 2003 (table 1), which was 47% more than that of December 2002 and 59% more than that of January 2002. Both mined and synthetic gypsum are used as raw material for wallboard. During the period January through December 2002, synthetic gypsum accounted for 5.26 Mt or about 18% of the 28.6 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 494,000 t (table 2), slightly more than that of December 2002, and about 8% more than that of January 2002.

Output of calcined gypsum (table 1) was 1.77 Mt, 26% more than that of December 2002, and 7% more than that of January

2002. Sales of board products were about 2.6 billion square feet (243 million square meters), 20% more than that of December 2002, and 4% more than that of January 2002.

Import and export data for January 2003 were not available at the time of publication. Imports of crude gypsum in December 2002 were 548,000 t (table 3), 25% less than that of November 2002, and 10% more than that of December 2001. Gypsum wallboard imports, principally from Canada, for December 2002 were 29,000 t, equivalent to 35 million square feet (3.2 million square meters). These imports were the nearly same as November 2002, and 17% less than those of December 2001. Wallboard exports to 22 countries and territories in December 2002 were 2,800 t, equivalent to 3.4 million square feet (312,000 square meters). These exports were 24% less than those of November 2002, and 35% less than those of December 2001.

TABLE 1
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	2003	2002	
	January	December	January
Crude:			
Mined 3/	1,550,000	1,210,000	1,300,000
Imported 4/	NA	548,000	626,000
Exported 4/	NA	15,400	24,900
Synthetic gypsum 5/	678,000	462,000	427,000
Total supply	NA	2,200,000	2,330,000
Calcined:			
Produced	1,770,000	1,400,000	1,660,000
Imported 6/	NA	808	1,570
Exported 6/	NA	9,080	14,600
Total supply	NA	1,410,000	1,650,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Some data were estimated from semiannual reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Reported supply only.

6/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons, unless otherwise specified)

	2003	2002	
	January	December	January
Uncalcined: 3/			
Portland cement	251,000	242,000	242,000
Agriculture and misc.	243,000	232,000	218,000
Total	494,000	474,000	459,000
Calcined:			
Board products 4/	2,180,000	1,820,000	2,100,000
Plaster	28,900	26,300	33,300
Total	2,210,000	2,850,000	2,130,000
Board products: (Thousand square feet) 5/			
Regular board	1,590,000	1,340,000	1,490,000
Type X board	788,000	651,000	770,000
Other	245,000	199,000	266,000
Total supply	2,620,000	2,190,000	2,520,000

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Does not include synthetic gypsum from electric power plants.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	2002			2001
	December	November	January-December	January-December
Canada	356,000	471,000	5,240,000	5,610,000
China	--	--	--	20
Cyprus	--	--	--	8,960
Germany	--	--	--	21
Italy	--	--	10,100	--
Japan	--	--	3	7
Korea, Republic of	--	--	273	--
Mexico	191,000	166,000	1,920,000	1,780,000
Morocco	--	--	18	6
Spain	--	92,800	722,000	787,000
Thailand	--	--	79,400	74,500
United Kingdom	195	--	283	274
Total	548,000	730,000	7,970,000	8,270,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
2001:				
December	1,660	1,180	498	25
2002:				
January	1,910	1,300	626	25
February	1,810	1,240	595	22
March	2,090	1,410	742	64
April	2,180	1,450	749	20
May	1,890	1,150	752	16
June	1,670	1,070	671	62
July	1,730	1,020	727	14
August	2,120	1,550	634	60
September	2,190	1,570	631	14
October	2,020	1,470	569	18
November	1,970	1,250	730	13
December	1,740	1,210	548	15
January-December	23,300	15,700	7,970	343
2003:				
January	NA	1,550	NA	NA

NA Not available.

1/ Excludes synthetic gypsum.

2/ Data are rounded to no more than three significant digits.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2003:											
January:											
Lath	7	14	31	--	27	--	--	--	43	--	121
Veneer base	20,600	3,130	8,280	1,210	8,320	25	98	451	1,440	10	43,600
Sheathing	1,130	6,340	3,860	5,800	9,700	2,120	8,660	5,680	8,430	833	49,900
Regular gypsum board	40,700	140,000	231,000	119,000	424,000	102,000	193,000	141,000	176,000	20,800	1,590,000
Type X gypsum board	24,400	79,700	125,000	69,900	121,000	25,300	86,700	94,300	154,000	7,460	788,000
Predecorated board	436	649	987	616	1,280	429	973	496	707	225	6,800
5/16 Mobile home board	--	1,320	6,420	16	11,100	15,200	7,330	1,540	1,120	--	44,000
Water/moisture resistant board	4,600	17,200	13,900	6,180	20,500	3,990	10,600	8,360	13,500	2,340	101,000
Total	91,800	246,000	389,000	203,000	596,000	149,000	308,000	252,000	356,000	31,700	2,620,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: Gypsum Association.